

ABSTRACT OF THE DISCLOSURE

A dual direction bypass valve allows a transmission filter to function whether or not it is placed in the vehicle transmission correctly. The filter includes a front and rear valve bodies separated by an end cap, and each having a spring and disk. When the filter media is clogged during normal forward flow, the fluid pressure on the rear valve body disk compresses the spring, opening an aperture in the end cap, allowing the fluid to pass from the front valve body through the rear valve body to the outlet, bypassing the filter media. If the transmission filter is placed in the engine backwards, the fluid pressure compresses the spring of the front valve body and opens up apertures in the end cap, such that the fluid flows through the apertures and the front valve body, bypassing the rear valve body and the filter media, to exit the filter.